

WBS NO: 2027CPT.01.07.20482, ETC.

CONTRACT: DA00688

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

HYDE

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2027CPT.01.07.20482, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2027CPT.01.07.20482		P.E., CONST.

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
01	SR 1311 (North Lake Rd.)	US 264	NC 94



PROJECT LENGTH

MAP	MILES
01	13.865

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
DIVISION CONTRACT ENGINEER

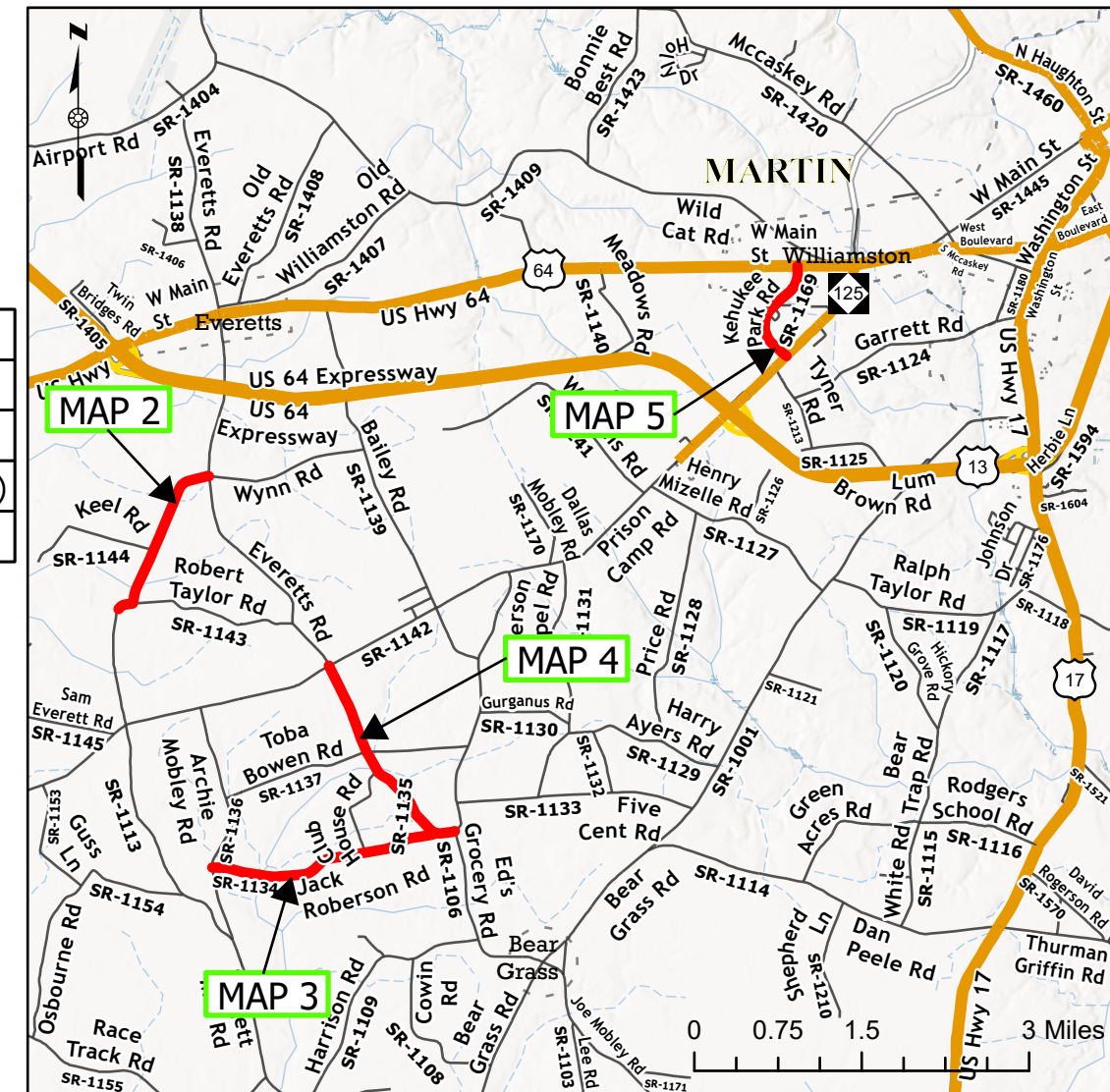
D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER

CONTRACT: DA00688

TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

MAP	ROUTE	FROM	TO
02	SR 1113 (Wynn Rd.)	Approx 385' West of SR 1143 (Roberts Taylor Rd.)	SR 1138 (Everetts Rd.)
03	SR 1134 (Jack Robertson Rd.)	SR 1138 (Everetts Rd.)	SR 1136 (Archer Mobley Rd.)
04	SR 1138 (Everetts Rd.)	SR 1142 (Prison Camp Rd.)	SR 1134 (Jack Robertson Rd.)
05	SR 1169 (Kehukee Park Rd)	NC 125	US 64 Alt

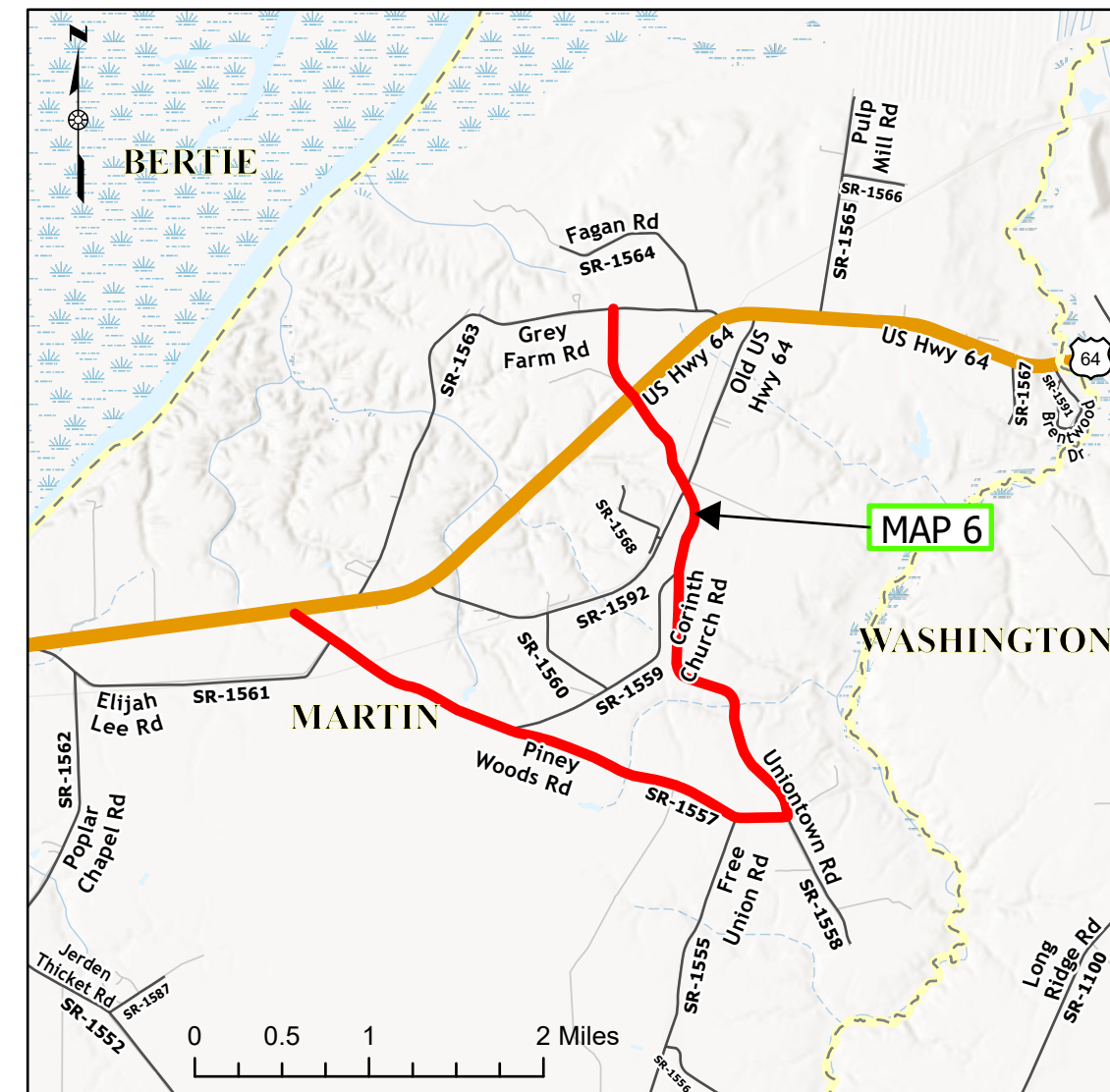
The seal of the North Carolina Department of Transportation is a circular emblem. It features a blue outer ring with the text "STATE OF NORTH CAROLINA" at the top and "DEPARTMENT OF TRANSPORTATION" at the bottom, separated by two small stars. In the center of the seal is a stylized map of North Carolina, colored blue, overlaid with a large, flowing red ribbon that represents a highway or river.

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TYPE OF WORK: ASPHALT SURFACE TREATMENT, DOUBLE SEAL

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2027CPT.01.07.20482, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION
2027CPT.01.07.20582		P.E., CONST.

MAP	ROUTE	FROM	TO
06	SR 1557 (Piney Woods, Uniontown, Swinson Rd.)	SR 1563 (Grey Farm Rd.)	US 64



PROJECT LENGTH

MAP	MILES
06	5.253

B. N. BRASWELL, PE

DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW

DIVISION CONTRACT ENGINEER

D. J. CLODGO, PE, PMP

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D. H. STALLINGS

DIVISION DESIGN ENGINEER

Prepared in the Office of:

DIVISION OF HIGHWAYS

113 AIRPORT DR., EDENTON, NC 27932

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

PAVEMENT SCHEDULE

F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT

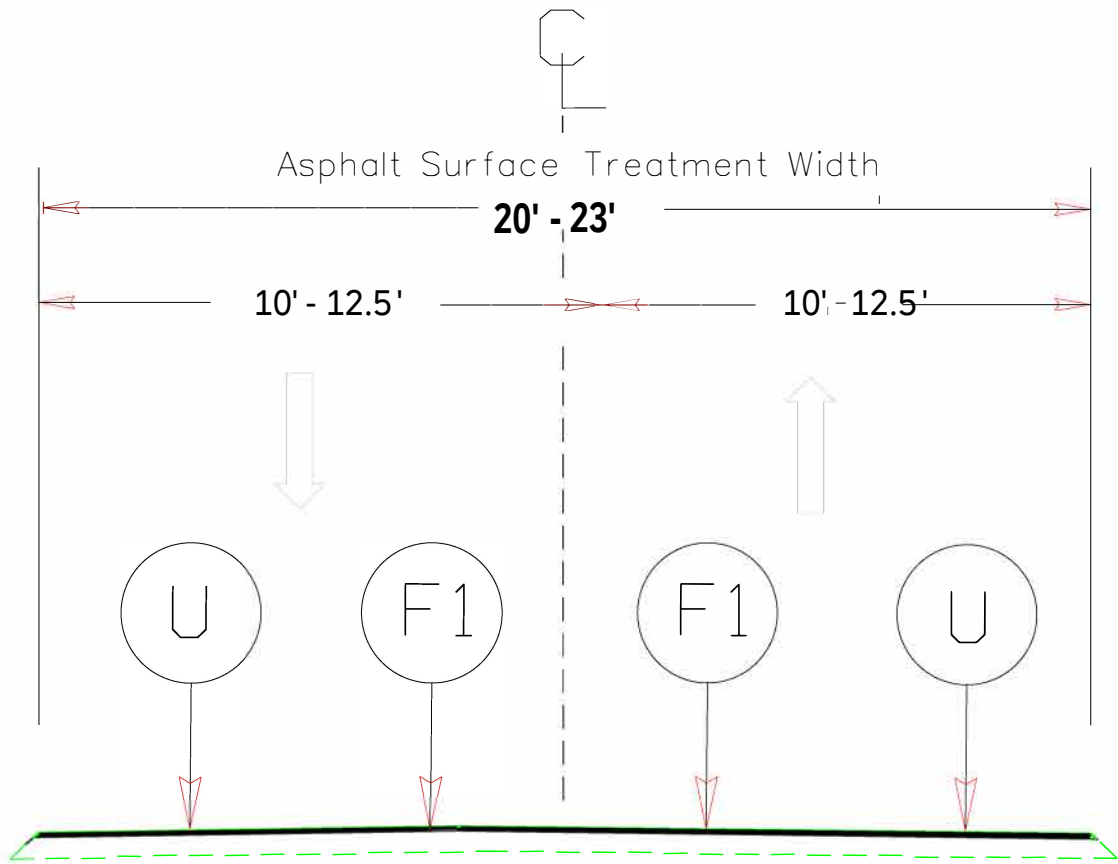
NOTES:

- * ALL INTERSECTING ROADS ARE TO BE TREATED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * PAVEMENT MARKINGS ARE TO BE PERFORMED BY OTHERS
- * ASPHALT SURFACE TREATMENT (DOUBLE SEAL) CONSISTS OF TWO LAYERS OF TREATMENT:

BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF 0.30± GAL/SY AND A LAYER OF #78M STONE AT A RATE OF 18± LBS/SY.

TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF 0.25± GAL/SY AND A LAYER OF 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

CONSTRUCT THE ASPHALT SURFACE TREATMENT, DOUBLE SEAL IN ACCORDANCE WITH SUBARTICLE 660-8(A) OF THE *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*.
- * FOR AST DOUBLE SEAL, CONTRACTOR MUST PROVIDE A SPREADER CAPABLE OF SPREADING UP TO 12' WIDE FOR IRREGULAR AREAS ALONG THESE MAPS.
- * CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF STEEL DRUM ROLLERS TO ENSURE THAT 1 COMPLETE ROLLING COVERAGE HAS BEEN COMPLETED WITHIN 5 MINUTES OF THE APPLICATION OF EMULSION THROUGHOUT THE PROJECT IN ACCORDANCE WITH *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*.
- * CONTRACTOR SHALL BE RESPONSIBLE FOR LOADING, HAULING, & PLACING ALL AGGREGATE MATERIAL.



TYPICAL SECTION NO
USE WITH MAPS 1- 6

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.01.07.20482	5	

SUMMARY OF QUANTITIES

												0000100000-N	1803500000-E	1838000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	MOBILIZATION	AST, DOUBLE SEAL	EMULSION FOR AST
								MI	FT			LS		
2027CPT.01.07.20482	Hyde	1	SR-1311 / NORTH LAKE RD	FROM US 264 TO NC 94	1	2	2WU	13.865	21	0.000	13.865	1	172,211	105,049
TOTAL FOR PROJ NO. 2027CPT.01.07.20482								13.865				*	172,211	105,049
2027CPT.01.07.20582	Martin	2	SR-1113 / WYNN RD	FROM APPROX 385' WEST OF SR 1143 (ROBERTS TAYLOR RD.) TO SR 1138 (EVERETTS RD.)	1	2	2WU	1.255	21	5.145	6.400	*	15,537	9,477
2027CPT.01.07.20582	Martin	3	SR-1134 / EVERETTS RD/JACK ROBERSON RD	FROM SR 1138 (EVERETTS RD.) TO SR 1136 (ARCHER MOBLEY RD.)	1	2	2WU	1.850	20	0.000	1.850	*	21,944	13,386
2027CPT.01.07.20582	Martin	4	SR-1138 / EVERETTS RD	FROM SR 1142 (PRISON CAMP RD.) TO SR 1134 (JACK ROBERTSON RD.)	1	2	2WU	1.460	21	4.540	6.000	*	18,096	11,039
2027CPT.01.07.20582	Martin	5	SR-1169 / KEHUKEE PARK RD	FROM NC 125 TO US 64 ALT	1	2	2WU	0.800	23	0.000	0.800	*	11,719	7,148
2027CPT.01.07.20582	Martin	6	SR-1557 / SWINSON RD/UNIONTOWN RD/PINEY WOODS RD	FROM SR 1563 (GREY FARM RD.) TO US 64	1	2	2WU	5.253	20	0.000	5.253	*	61,792	37,693
TOTAL FOR PROJ NO. 2027CPT.01.07.20582								10.618				*	129,088	78,743
GRAND TOTAL								24.483				1	301,299	183,792

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.01.07.20482	6	

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)
								MI	FT			SF	LS
2027CPT.01.07.20482	Hyde	1	SR-1311 / NORTH LAKE RD	FROM US 264 TO NC 94	1	2	2WU	13.865	21	0	13.865	642	1
TOTAL FOR PROJ NO. 2027CPT.01.07.20482								13.865				642	*
2027CPT.01.07.20582	Martin	2	SR-1113 / WYNN RD	FROM APPROX 385' WEST OF SR 1143 (ROBERTS TAYLOR RD.) TO SR 1138 (EVERETTS RD.)	1	2	2WU	1.255	21	5.145	6.4	80	*
2027CPT.01.07.20582	Martin	3	SR-1134 / EVERETTS RD/JACK ROBERSON RD	FROM SR 1138 (EVERETTS RD.) TO SR 1136 (ARCHER MOBLEY RD.)	1	2	2WU	1.85	20	0	1.85	80	*
2027CPT.01.07.20582	Martin	4	SR-1138 / EVERETTS RD	FROM SR 1142 (PRISON CAMP RD.) TO SR 1134 (JACK ROBERTSON RD.)	1	2	2WU	1.46	21	4.54	6	80	*
2027CPT.01.07.20582	Martin	5	SR-1169 / KEHUKEE PARK RD	FROM NC 125 TO US 64 ALT	1	2	2WU	0.8	23	0	0.8	80	*
2027CPT.01.07.20582	Martin	6	SR-1557 / SWINSON RD/UNIONTOWN RD/PINEY WOODS RD	FROM SR 1563 (GREY FARM RD.) TO US 64	1	2	2WU	5.253	20	0	5.253	700	*
TOTAL FOR PROJ NO. 2027CPT.01.07.20582								10.618				1,020	
GRAND TOTAL								24.483				1,662	1

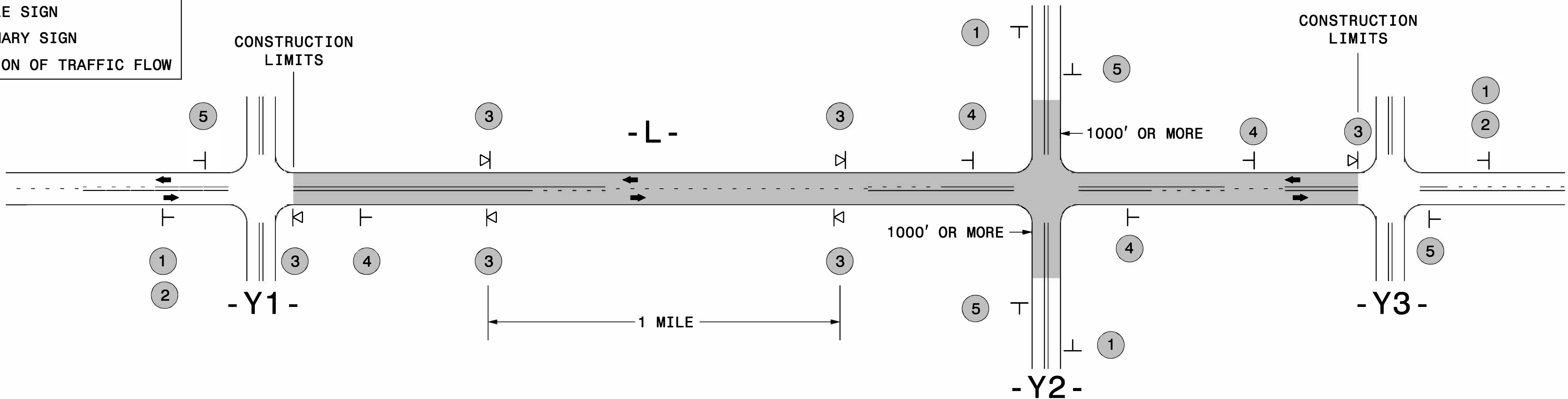
SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

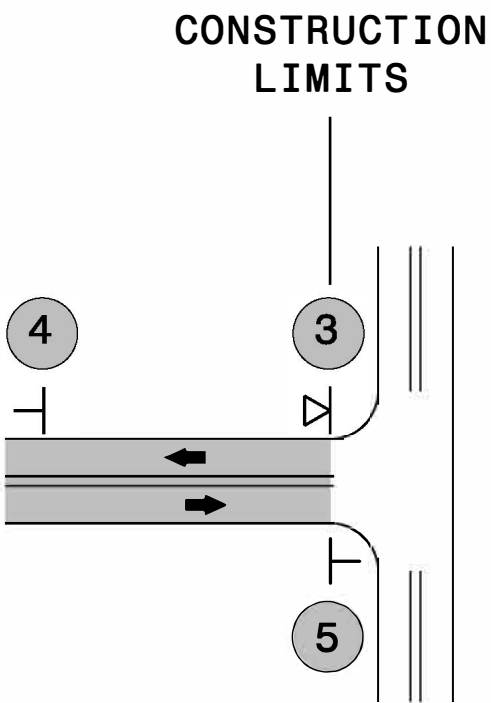
 PORTABLE SIGN

 STATIONARY SIGN

 DIRECTION OF TRAFFIC FLOW

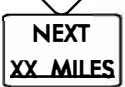
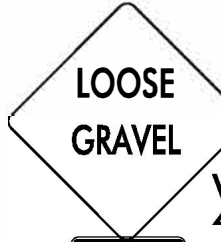
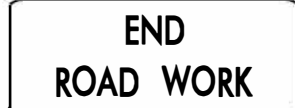


T INTERSECTION



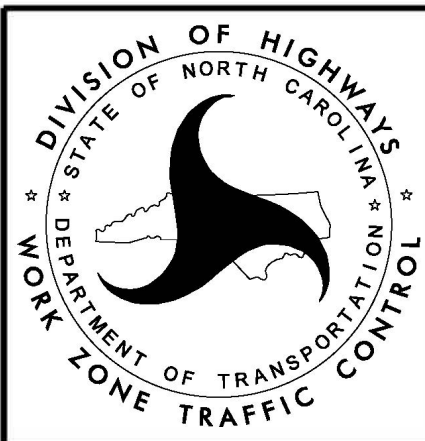
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1  ROAD WORK AHEAD W20-1 48" X 48" 2  NEXT XX MILES W7-3aP 24" X 18"	- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. - SIGN 2 MAY BE OMITTED FOR T INTERSECTIONS. FOLLOW T INTERSECTION SIGNING DETAIL ABOVE. - SIGN 2 MAY BE OMITTED WHEN CONSTRUCTION LIMITS ARE LESS THAN 2 MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.	NO STATIONARY SIGNING REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS SIGNS 1 & 5 ARE REQUIRED FOR -Y- LINES WITH 1000' OR MORE OF RESURFACING OR PAVING WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE MOUNTED ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.  ROAD WORK AHEAD W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER
	3  LOOSE GRAVEL W8-7 48" X 48"  W8-15aP 24" X 18"  UNMARKED PAVEMENT SP 48" X 48"  W8-15aP 24" X 18"	- BEGIN SEQUENCE WITH LOOSE GRAVEL SIGN INSTALLED AT THE CONSTRUCTION LIMITS FOLLOWED BY AN UNMARKED PAVEMENT SIGN INSTALLED A MILE THEREAFTER. REPEAT SEQUENCE THROUGHOUT CONSTRUCTION LIMITS. - PLACE ADDITIONAL PORTABLE MOUNTED LOOSE GRAVEL SIGNS WITHIN 100' OF -Y- LINE APPROACH DURING CURE TIME. REMOVE WHEN PAVEMENT MARKINGS ARE INSTALLED.	
	4  ROAD UNDER CONST SP 13106 48" X 48"	- INSTALL 500' FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - FOR T INTERSECTIONS, INSTALL WITHIN 500' OF THE INTERSECTION.	
	5  END ROAD WORK G20-2 A 36" X 18"	- PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR WITHIN 100' OF T INTERSECTION AS SHOWN IN THE ABOVE DETAIL.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.		
LESS 2 MILES	FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, INSTALL A PORTABLE MOUNTED LOOSE GRAVEL(W8-7) SIGN AT THE BEGINNING CONSTRUCTION LIMIT, AN UNMARKED PAVEMENT (SP) SIGN MIDWAY THROUGH AND AN END ROAD WORK (G20-2A) SIGN AT THE END CONSTRUCTION LIMIT.		

MAPS LESS
THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, INSTALL A PORTABLE MOUNTED LOOSE GRAVEL(W8-7) SIGN AT THE BEGINNING CONSTRUCTION LIMIT, AN UNMARKED PAVEMENT (SP) SIGN MIDWAY THROUGH AND AN END ROAD WORK (G20-2A) SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT